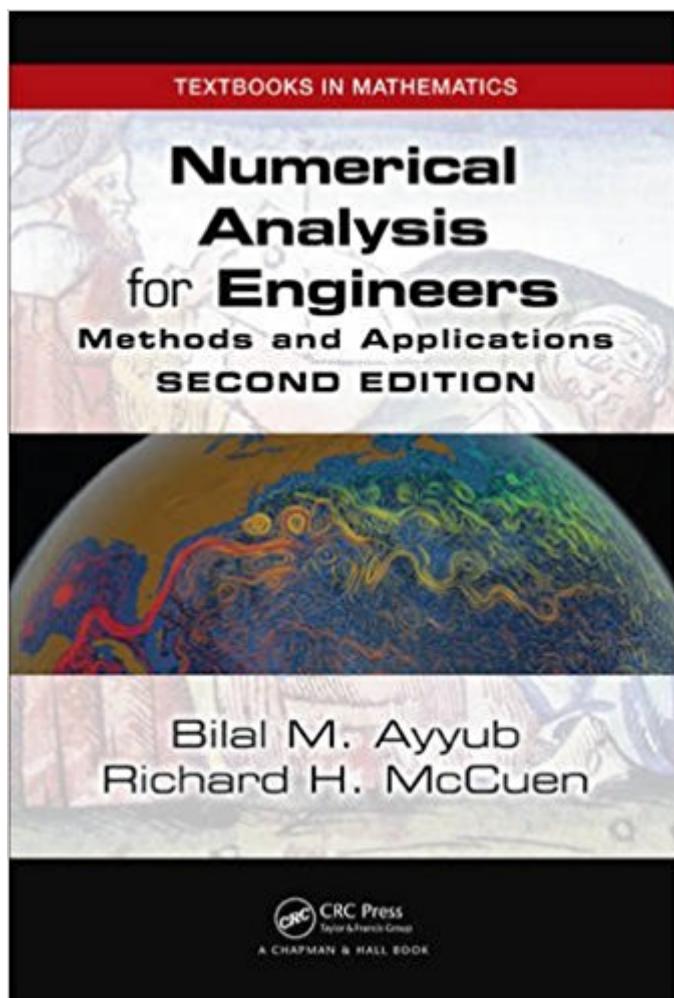


The book was found

Numerical Analysis For Engineers: Methods And Applications, Second Edition (Textbooks In Mathematics)



Synopsis

Numerical Analysis for Engineers: Methods and Applications demonstrates the power of numerical methods in the context of solving complex engineering and scientific problems. The book helps to prepare future engineers and assists practicing engineers in understanding the fundamentals of numerical methods, especially their applications, limitations, and potentials. Each chapter contains many computational examples, as well as a section on applications that contain additional engineering examples. Each chapter also includes a set of exercise problems. The problems are designed to meet the needs of instructors in assigning homework and to help students with practicing the fundamental concepts. Although the book was developed with emphasis on engineering and technological problems, the numerical methods can also be used to solve problems in other fields of science.

Book Information

Series: Textbooks in Mathematics

Hardcover: 451 pages

Publisher: Chapman and Hall/CRC; 2 edition (September 25, 2015)

Language: English

ISBN-10: 1482250357

ISBN-13: 978-1482250350

Product Dimensions: 7.1 x 1.1 x 10.1 inches

Shipping Weight: 2.1 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,618,378 in Books (See Top 100 in Books) #233 in Books > Science & Math > Mathematics > Number Systems #2368 in Books > Textbooks > Engineering > Mechanical Engineering #6217 in Books > Engineering & Transportation > Engineering > Mechanical

[Download to continue reading...](#)

Numerical Analysis for Engineers: Methods and Applications, Second Edition (Textbooks in Mathematics) Numerical Methods for Scientists and Engineers (Dover Books on Mathematics) Numerical Techniques for Direct and Large-Eddy Simulations (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) Numerical Methods for Fluid Dynamics: With Applications to Geophysics (Texts in Applied Mathematics) Stochastic Models, Information Theory, and Lie Groups, Volume 2: Analytic Methods and Modern Applications (Applied and Numerical Harmonic

Analysis) FORTRAN 77 and Numerical Methods for Engineers and Scientists Numerical Methods for Engineers A Course in Abstract Harmonic Analysis, Second Edition (Textbooks in Mathematics) Numerical Partial Differential Equations: Finite Difference Methods (Texts in Applied Mathematics) Advanced Mathematics for Engineers with Applications in Stochastic Processes. Aliakbar Montazer Haghghi, Jian-Ao Lian, Dimitar P. Mishev (Mathematics Research Developments) An Introduction to Numerical Methods and Analysis Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms Partial Differential Equations: Analytical and Numerical Methods, Second Edition Introduction to Numerical Analysis (Texts in Applied Mathematics) Radiochemistry and Nuclear Methods of Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Analysis and Purification Methods in Combinatorial Chemistry (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Traffic Flow Theory: Characteristics, Experimental Methods, and Numerical Techniques Riemann Solvers and Numerical Methods for Fluid Dynamics: A Practical Introduction A First Course in Numerical Methods (Computational Science and Engineering) A Student's Guide to Numerical Methods

[Dmca](#)